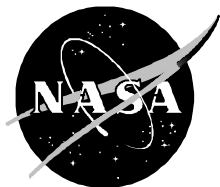


**VERSION DESCRIPTION DOCUMENT
FOR THE NASA TRAINING AND DEVELOPMENT SYSTEM**

Release 3.1.0

PrISMS Contract

August, 1998



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT
FOR THE
NASA TRAINING AND DEVELOPMENT SYSTEM
RELEASE 3.1.0**

Prepared by

| | |
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| | 8/24/98 |
| _____ Jacky Davis Technical Lead | _____ Date |

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

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**VERSION DESCRIPTION DOCUMENT
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Approved by

8/24/98

Sheila Fogle
Consolidated Center Project
Manager

Date

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, AL

August 1998

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1.0 INTRODUCTION

The Version Description Document (VDD) identifies the exact version of the National Aeronautics and Space Administration (NASA) Training and Development System (NTDS) released for installation/implementation.

1.1 Identification of the Release

This software release is identified as NTDS, Release 3.1.0 and has an effective release date of August 24, 1998. Support of the previous release expires 30 days after the scheduled implementation date of September 24, 1998.

1.2 Purpose of the Release

The purpose of this release is to correct processing problems with the Off-site Training Requests Report. The Change Control Request (CCR) is listed in Appendix C.

1.3 Scope

This VDD provides the functional and technical user of NTDS with information regarding the contents, status, and structure of Release 3.1.0, including the following:

- Changes implemented since release 3.0.0.
- Validation procedures to ensure the reliability of release changes.
- Detailed software installation instructions.

1.4 Contact Points

Sustaining Engineering for NTDS is provided through the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center located at Marshall Space Flight Center (MSFC). Questions regarding the function and/or the technical aspects as well as the installation of this release should be directed:

The NACC Technical Services Center (Use following Key Words: SESAAS & NTDS)

Telephone: (256) 544-8441
E Mail: jacky.davis@msfc.nasa.gov
FAX: (256) 544-1836

2.0 FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1 Functional Changes

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Procedures, describes all Software PREDICT and SYSERR changes related to this release.

2.2 Functional Interfaces

Not Applicable

2.3 Critical Issues

Not Applicable

2.4 Affected Documents

Not Applicable

2.5 Application System Administration

Not Applicable

3.0 TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration activities.

3.1 Technical System Interfaces

Not Applicable

3.2 Data Dictionary Changes

Not Applicable

3.3 Software Object Changes

The affected modules for this release are included in Appendix D, Section 2.2.

3.4 Database Administration

This section describes the database administration activities for NTDS.

3.4.1 Release Data Set Names

The data sets for Release 3.1.0 are located on the Central Distribution Facility. The names of these data sets are included in the Introduction of Appendix D.

3.4.2 Inventory of Objects

Refer to Appendix D.

3.4.3 Storage Considerations

Not Applicable

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions, for detailed procedures.

3.5 Operational Preparation

Refer to the procedures described in Section 3.4.4 for assistance in preparing for proper installation and operational use of the release

4.0 KNOWN AND OPEN PROBLEMS

There are no known and open problems.

APPENDIX A
ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS

| | |
|--------|--|
| ADP | Automated Data Processing |
| BJS | Batch Job Submitter |
| CCR | Change Control Request |
| CR | Change Request |
| DR | Discrepancy Report |
| ID | Identification |
| IDP | Individual Development Plan |
| MATH | Mass Add of Training History |
| NACC | NASA Automated Data Processing Consolidation Center |
| NASA | National Aeronautics and Space Administration |
| NDM | Network Data Mover |
| NTDS | NASA Training and Development System |
| PF | Program Function |
| SESAAS | Sustaining Engineering Support for Agencywide Administrative Systems |
| SIDP | Standard Individual Development Plan |
| SSN | Social Security Number |
| SYSERR | Natural System Error Utility |
| TH | Training History |
| TR | Training Request |
| VDD | Version Description Document |

APPENDIX B
GLOSSARY

GLOSSARY

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs an software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of an application release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with an application.

APPENDIX C
FUNCTIONAL CHANGE VALIDATION PROCEDURES

FUNCTIONAL CHANGE VALIDATION PROCEDURES

Index of validation procedures provided for changes in this release.

| Section | CCR | Title |
|---------|----------|---|
| 1.0 | 98000004 | Off-site Training Requests Report Changes |

Details for the validation procedures are listed below:

1.0 CCR Number 98000004 Off-site Training Requests Report Changes

1.0.1 Off-site Training Requests Report

Purpose: To correct a program abend when submitting the report for fiscal year 1999 and to correct the course session end date (from/to dates) used in processing.

General Test Guidelines: At the command line, enter 'RPTOSTR' to reach the selection criteria screen for the Off-site Training Requests Report.

Test Procedure 1: Produce the report for fiscal year 1998.

- 'COURSE SESSION END DATE' ('FROM'/'TO') should be spaces.
- 'COURSE FY' should be '98'.
- 'PARTICIPANT STATUS CODE' should be 'S'.
- Press <PF2> to process the request.

Validation for Test Procedure 1:

- Verify that report is produced successfully.
- Verify that 'CRS SESS END DT' is correct on the report.
- Verify that the report lists participants for course(s) for that fiscal year and not for another fiscal year.

Test Procedure 2: Produce the report for fiscal year 1999.

- 'COURSE SESSION END DATE' ('FROM'/'TO') should be spaces.

- 'COURSE FY' should be '99'.
- 'PARTICIPANT STATUS CODE' should be 'S'.
- Press <PF2> to process the request.

Validation for Test Procedure 2:

- When submitting the report request, verify that theabend situation is not produced.
- Verify that report is produced successfully.
- Verify that 'CRS SESS END DT' is correct on the report.
- Verify that the report lists participants for course(s) for that fiscal year and not for another fiscal year.

Test Procedure 3: Produce the report for fiscal year 2000.

- 'COURSE SESSION END DATE' ('FROM'/'TO') should be spaces.
- 'COURSE FY' should be '00'.
- 'PARTICIPANT STATUS CODE' should be 'S'.
- Press <PF2> to process the request.

Validation for Test Procedure 3:

- Verify that report is produced successfully.
- Verify that 'CRS SESS END DT' is correct on the report.
- Verify that the report lists participants for course(s) for that fiscal year and not for another fiscal year.

Test Procedure 4: Produce the report, allowing the course session end date to be automatically filled-in.

- 'COURSE SESSION END DATE' ('FROM'/'TO') should be spaces.
- 'COURSE FY' should be '98'.
- 'PARTICIPANT STATUS CODE' should be 'S'.
- Press <ENTER> to allow the 'COURSE SESSION END DATE' ('FROM'/'TO') to be filled-in automatically.
- Press <PF2> to process the request.

Validation for Test Procedure 4:

- When submitting the report request, verify that the 'COURSE SESSION END DATE' ('FROM'/'TO') that is filled-in is correct.
- Verify that report is produced successfully.
- Verify that 'CRS SESS END DT' is correct on the report.
- Verify that the report lists participants for course(s) for that fiscal year and not for another fiscal year.

Test Procedure 5: Produce the report, entering values for the course session end date.

- Enter values for 'COURSE SESSION END DATE' ('FROM'/'TO').
- 'COURSE FY' should be '98'.

- 'PARTICIPANT STATUS CODE' should be 'S'.
- Press <PF2> to process the request.

Validation for Test Procedure 5:

- Verify that report is produced successfully.
- Verify that 'CRS SESS END DT' is correct on the report.
- Verify that the report lists participants for course(s) for that fiscal year and not for another fiscal year.

- **CCR Number 98000004 Off-site Training Request Report Changes**

- **Affected Modules**

| Module | Module Name | Type |
|---------------|---|-------------|
| NTDPR6RG | Criteria for Off-site Training Requests | PGM |

APPENDIX D
INSTALLATION INSTRUCTIONS

INSTALLATION INSTRUCTIONS

Introduction

Release identification:

System Name: NASA Training and Development System (NTDS)

Release Number: 3.1.0

Release Date: August 24, 1998

Release Effective Date: September 24, 1998

The following datasets are located on the Central Distribution Facility as an AIM datasets.

- AIMS.NTDS.PROD.REL310.REL0898.SRC
- AIMS.NTDS.PROD.REL310.REL0898.DOC

In case of installation problems, contact the NACC Technical Services Center (identify yourself as SESAAS and NTDS.)

Telephone: (205) 544-8441

Email: jacky.davis@msfc.nasa.gov

FAX Number (205) 544-1836

Installation Sequence

Installation is to occur in the following sequence:

- 1.0 Backups
- 2.0 Copy Source/Object Code
- 3.0 Pre-PREDICT Data Conversion
- 4.0 PREDICT Installation
- 5.0 Catalog Source Code
- 6.0 Post-PREDICT Data Conversion/Load
- 7.0 Perform Release-Specific Installation Procedures
- 8.0 Installation Checklist for NTDS Release 3.1.0

1.0 BACKUPS

It is advisable to back up all NTDS files as a precautionary measure prior to installation.

2.0 COPY SOURCE/OBJECT CODE

2.1 Copy Source Code

Load the NTDS source library from dataset AIMS.NTDS.PROD.REL310.REL0898.SRC using the Natural utility NATLOAD. The source modules were unloaded using the Natural utility NATUNLD. The source modules will be loaded to the application library NTDS, replacing any existing source modules of the same name. The source module count included in this release is listed below:

Natural Source Modules by Type

| | |
|---------------------------|---|
| Global Data Areas | 0 |
| Local/Param Data Areas | 0 |
| Maps | 0 |
| Help routines | 0 |
| Subroutines | 0 |
| Subprograms | 0 |
| Programs | 1 |
| Copycode | 0 |
| Text | 0 |
| Process | 0 |
| Miscellaneous Objects | 0 |
| ===== | |
| Total Programming Objects | 1 |
| Total Views Unloaded | 0 |
| Total Objects Read | 1 |
| Total Objects Unloaded | 1 |

2.2 List of Source Code Modifications

The following are the modules added, modified and deleted.

Added Modules

Not Applicable

Changed Modules

1. NTDP6RG Criteria for Off-site Training Requests

Deleted Modules

Not Applicable

2.3 Copy Object Modules

Not Applicable

3.0 PRE-PREDICT DATA CONVERSION

Not Applicable

4.0 PREDICT INSTALLATION

Not Applicable

5.0 CATALOG SOURCE CODE

Catalog the one module in the NTDS production library.

After all objects are compiled, the NTDS application will run under the NASA On-line standard parameter.

6.0 POST-PREDICT DATA CONVERSION/LOAD

Not Applicable

7.0 PERFORM RELEASE-SPECIFIC INSTALLATION PROCEDURES

7.1 Load NTDS Error Messages into SYSERR

Not applicable for this release.

7.2 Update Release Number

Log on to NTDS library and execute program NTDP-REL on the Natural Command line. Enter the release number as 03.10.00 and press <ENTER>.

From the Natural command line, execute program BJSP-REL. Enter the release number as 03.10.00 and press <ENTER>.

8.0 INSTALLATION CHECKLIST FOR NTDS RELEASE 3.1.0

APPLICATION SETUP

NOTE: 'Ref.' refers to the corresponding section number in VDD Appendix D or \$README.

(STAG/PROD)

| | | |
|---------|--------------------------------------|------------|
| ___/___ | Perform Backups | (Ref. 1.0) |
| ___/___ | Copy Source/Object code | (Ref. 2.0) |
| ___/___ | Catalog Source programs | (Ref. 5.0) |
| ___/___ | Update Release Number (NTDS and BJS) | (Ref. 7.2) |